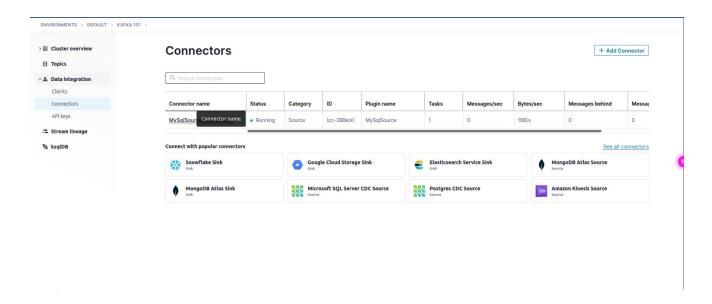
- 1. What's a Key-Value (KV) database?
  - It is a non relational database that uses key-value methods to store data.
  - The KV databases are scalable and available
  - The disadvantage of the key-Value database is that it is suitable only for applications with single value and key.
- 2. Follow the following videos to deploy and use Redis and MySQL databases using GKE.
- 3. Follow the following video to set up sink and source Kafka connectors to the deployed MySQL database.



```
partition:0
key:
value:
{'id': 7, 'name': 'bob6', 'email': 'bob6@abc.com', 'department': 'sales', 'modified': 1647584608000}

partition:0
key:
value:
{'id': 8, 'name': 'bob7', 'email': 'bob7@abc.com', 'department': 'sales', 'modified': 1647584608000}

partition:0
key:
value:
{'id': 9, 'name': 'bob8', 'email': 'bob8@abc.com', 'department': 'sales', 'modified': 1647584608000}

partition:0
key:
value:
{'id': 10, 'name': 'bob9', 'email': 'bob9@abc.com', 'department': 'sales', 'modified': 1647584608000}
```